

FORM PTO-1390
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

P56560PCT

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (if known, see 37CFR 1.5)

09/890440

INTERNATIONAL APPLICATION NO.
PCT/KR00/01346INTERNATIONAL FILING DATE
22 November 2000PRIORITY DATE CLAIMED
9 December 1999TITLE OF INVENTION DRIVING CIRCUIT OF DC MICROWAVE OVEN AND METHOD OF
CONTROLLING THE SAMEAPPLICANT(S) FOR DO/EO/US Samsung Electronics Co., Ltd. / Yong-Woon HAN, Seong-Deog JANG,
Kwang-Seok KANG, Han-Jun SUNG

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 29(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(3)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36. (35 U.S.C. 371(c)(5))

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 7.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

- International Search Report (PCT/ISA/210);
 - WO 01/49079 A1
 - PTO-1449
 - Amendment under PCT Article 19 filed on 25 May 2001

0890440

PTO/SB/17 (08-00)

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	International application No.: PCT/KR00/01346
Filing Date	international Filing Date: 11/22/00
First Named Inventor	Yong-Woon HAN et al.
Examiner Name	to be assigned
Group/Art Unit	to be assigned
Attorney Docket No.	P56560PCT

TOTAL AMOUNT OF PAYMENT

(\$)1,290.00**METHOD OF PAYMENT (check one)**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943
 Deposit Account Number: _____

- ☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ **Payment Enclosed:**
(CHECKS #40024 & #40025)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	\$
106	320	206	160	Design filing fee	\$
107	490	207	245	Plant filing fee	\$
108	710	208	355	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$

SUBTOTAL (1) (\$).00**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total claims	-20** =	x	=
Independent Claims	-3** =	x	=
Multiple Dependent			=

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity


Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)0.00**3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	1356t	205 65 Surcharge-late filing fee or oath	\$
127	50	227 25 Surcharge-late provisional filing fee or cover sheet	\$
139	130	139 130 Non-English specification	\$
147	2,520	147 2,520 For filing a request for reexamination	\$
112	920*	112 920* Requesting publication of SIR prior to Examiner action	\$
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	\$
115	110	215 55 Extension for reply within first month	\$
116	390	216 195 Extension for reply within second month	\$
117	890	217 445 Extension for reply within third month	\$
118	1,390	218 695 Extension for reply within fourth month	\$
128	1,890	228 945 Extension for reply within fifth month	\$
119	310	219 155 Notice of Appeal	\$
120	310	220 155 Filing a brief in support of an appeal	\$
121	270	221 135 Request for oral hearing	\$
138	1,510	138 1,510 Petition to institute a public use proceeding	\$
140	110	240 55 Petition to revive - unavoidable	\$
141	1,240	241 620 Petition to revive - unintentional	\$
142	1,240	242 620 Utility issue fee (or reissue)	\$
143	440	243 220 Design issue fee	\$
144	600	244 300 Plant issue fee	\$
122	130	122 130 Petitions to the Commissioner	\$
123	50	123 50 Petitions related to provisional applications	\$
126	240	126 240 Submission of Information Disclosure Statement	\$
581	40	581 40 Recording each patent assignment per property (Times number of properties)	\$40.00
146	710	246 355 Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
149	710	249 355 For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
Other Fee (specify) <u>960 Basic National Stage Fee</u>			\$1,000.00
Other Fee (specify) <u>964 additional independent claims (2)</u>			\$160.00
Other Fee (specify) <u>966 extra total claims (5)</u>			\$80.00

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$1,290.00**SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name	Robert E. Bushnell, Esq.		Reg. Number	27,774	
Signature		Date	1 August 2001	Deposit Account User ID	

REB/kf

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

YONG-WOON HAN *et al.*

U.S. Serial No.: *to be determined* Priority date: 9 December 1999

I. A. No.: PCT/KR00/01346 I.A. Filing date: 22 November 2000

U.S. Filing Date: May 8, 2001

For: DRIVING CIRCUIT OF DC MICROWAVE OVEN AND METHOD OF
CONTROLLING THE SAME

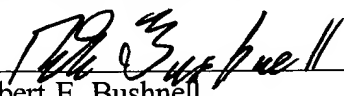
TRANSMITTAL OF DECLARATION

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

This transmittal accompanies the Declaration for the above-captioned PCT application.

Respectfully submitted,



Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

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Folio: P56560PCT
Date: 08/01/1
I.D.: REB/kf